

30 January 1957

MEMORANDUM FOR THE RECORD		
SUBJECT: Hydrogen Generator,		25X1
1. On 23 January the undersigned	i met with	25X1 25X1
for the purpose of reviewing the work Generator.	on the Portable Hydrogen	25X1
has completed Phase design analysis) of the program and withat work shortly.	I (laboratory testing and prelimin ill submit a report covering	ary
In general, expects the about 560 gallons of water (0.01 m Nac (0.56 M/1) and 2.4# of the catalyst of hydrogen at ambient water temperatuand 60 minutes. During the course of the generator will rise about 32°C.	CoCl <sub>2</sub> . Generation time for 3700 ft are of 72°F should be between 45	25X1 <b>3</b>
Temperature is the overriding partis concerned. For each 5°C increase is decreased by about 1/3. Varying the serve as partial compensation for the	ne concentration of the CoClo may	on
3. It was agreed that of the program-design of the full sca If successful, a third phase would the inlude preparation of specifications manual as well as turning over several	en be entered into which would and drawings, and anoperator's	<b>1</b> 25 <b>X</b> 1
Certain severe testing problems we the cost of a full charge (100 pounds between \$2800 and \$3000. Obviously so program will have to be resorted to.	will be encountered in Phase II as s) of NaBH <sub>li</sub> will be somewhere ome sort of compromise testing	25X1
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:jl Original filed in Portable Hydrogen Ge	enerator	
1 - Chrono 1 - SFH, RDT, JRP  CONFIDENTIAL	DOS _/2_ REV DATE 26/6/90 BY \$537  ORIG COMP 05/6 OPI 5/6 TYPE 02  ORIG CLASS 5 PAGES / REV CLASS C  JUST NEXT REV2.0/D AUTH; HR	!